

In the Abstract

**Please rewrite the replacement Abstract submitted with the Preliminary
Amendment filed August 17, 2009 as follows:**

Regarding a detergent made using fermentation technology and its production method, in a production process of for producing soap is provided, which includes effective microorganisms (EM) and EM-X ceramic powder, which are added to enhance the degree of saponification degree of fat, strengthen the cleaning power as well, and also to realize provide a detergent that is capable of proliferating effective microorganisms in sewage water after washing and cleaning the sewage water, and exhibit which exhibits an effect as a water purification material after washing. On selecting microorganisms, as a living organism playing a starter role in an environmental purification process, in particular, effective Effective microorganisms (EM) consisting including mainly of facultative anaerobic lactic acid bacteria, yeast and photosynthetic bacteria and EM-X ceramic powder are introduced added in a production the process of producing the soap, thereby, the treated material obtained according to the present invention exhibits an environmental purification effect as a substrate of benign microorganisms or a microorganism material.